6   BACTER FIX AND COOL   (Duration: ~35 min)

6.1   Notify MCC (Start of step)

Record MET: _____/_____:_____

CMP   6.2   √ Air intakes free of debris

GB   6.3   Perform GB Installation per Cue Card

CMP   6.4   CENTRIF 2 – OFF
√ CENTRIF 3 – OFF

NOTE
Perform shaking and fixation in numerical order

Incubator   6.5   <u>Transfer 4 Containers to GB</u> (Shake vigorously 20x during transfer)

Cent 2   **BACTER 1**   to GB
  201   1–g

  203   **BACTER 2**   to GB
                   1–g

  202   **BACTER 3**   to GB
                   1–g

  204   **BACTER 4**   to GB
                   1–g

Incubator   6.6   Close, latch door

MF43H   6.7   Unstow:
  GB Tray   BACTER 9 (Large Screwdriver)
                   BACTER 10 (6–Prong Plunger), transfer to GB

GB   6.8   Perform GB Preparation per Cue Card
                  (GB contents: BACTER 1, 2, 3, 4, BACTER 9 (Screwdriver), BACTER 10
                    (6–Prong Plunger))
                  Notify MCC start of GB Ops

GB Fix 8 Cassettes

6.9 **BACTER 1**
      1–g

6-prong plunger

Remove Cover
Turn **red screw ccw** to open position "O"
   using Screwdriver

Push all **<u>red</u>** pistons (six) using 6–Prong
   Plunger
√ All pistons down and red sleeve flush

Holding 6-Prong Plunger in place,
   turn **red screw cw** back to closed
   position
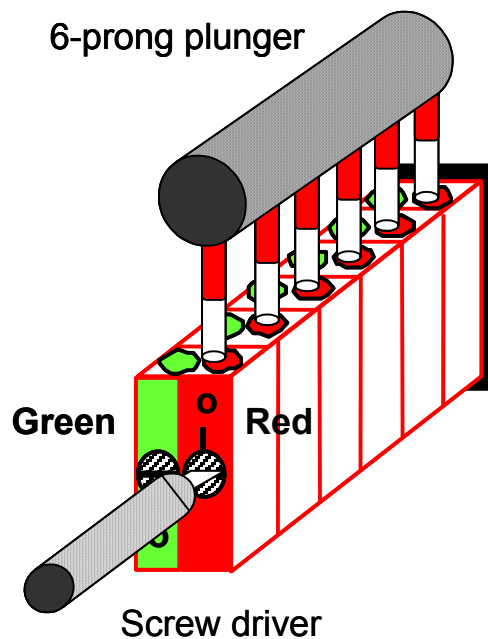
6.10 **BACTER 1**
       1–g
Return Cover and close

Green   O   **Red**

6.11 **BACTER 2**   Repeat 6.9 – 6.10
       1–g

Screw driver

        NOTE
There is no hard stop at the "O" position,
turn **red screw ccw** no further than indicated on the red
   label (step 6.12)

TOX LEVEL 2

6.12 **BACTER 3**   Repeat 6.9 – 6.10
       1–g

6.13 **BACTER 4**   Repeat 6.9 – 6.10
       1–g

GB   6.14 GB sw – OFF
                  Remove Glovering, temp stow
                  Notify MCC end of GB Ops

         6.15 Stow BACTER 9 (Screwdriver) and BACTER 10 (6–Prong Plunger) in GB Tray

NOTE
Perform shaking in numerical order

GB   6.16 <u>Shake vigorously 20x **BACTER 1 to 4** and temp stow</u>

Temp stow   6.17 <u>Transfer 4 Containers to PTCU 2 (MF71H)</u>

CAUTION
PTCU open minimal time for thermal integrity

BACTER 1   to   PTCU 2
1–g

BACTER 2   to   PTCU 2
1–g

BACTER 3   to   PTCU 2
1–g

BACTER 4   to   PTCU 2
1–g

GB   6.18 Perform GB Stow per Cue Card

             6.19 Notify MCC (End of step)

             Record MET: _____/_____:_____

7   INCUBATION 24 Hours   (No crew required)

8   BACTER FIX AND COOL   (Duration: ~20 min)

8.1   Notify MCC (Start of step)

Record MET: _____/_____:_____

CMP   8.2   √ Air intakes free of debris

GB   8.3   Perform GB Installation per Cue Card

CMP   8.4   √CENTRIF 2 – OFF
                 √ CENTRIF 3 – OFF

NOTE
Perform shaking and fixation in numerical order

Incubator   8.5   <u>Transfer 4 Containers to GB</u> (Shake vigorously 20x during transfer)

Rack 405	**BACTER 5** 0–g	to GB
501	**BACTER 6** 0–g	to GB
Cent 3 301	**BACTER 7** 0–g	to GB
302	**BACTER 8** 0–g	to GB

CMP   8.6   √CENTRIF 2 – OFF
                 √ CENTRIF 3 – OFF

Incubator   8.7   Close, latch door

MF43H   8.8   Unstow:
  GB Tray   BACTER 9 (Large Screwdriver)
                     BACTER 10 (6–Prong Plunger), transfer to GB

GB   8.9 Perform GB Preparation per Cue Card
                (GB contents: BACTER 5, 6, 7, 8, BACTER 9 (Screwdriver), BACTER 10
                   (6–Prong Plunger))
                Notify MCC start of GB Ops

GB Fix 8 Cassettes

    8.10 **BACTER 5**
          0–g

          Remove Cover
          Turn **red screw ccw** to open position "O"
             using Screwdriver

          Push all <u>**red**</u> pistons (six) using 6–Prong
             Plunger
          √ All pistons down and red sleeve flush

          Holding 6-Prong Plunger in place,
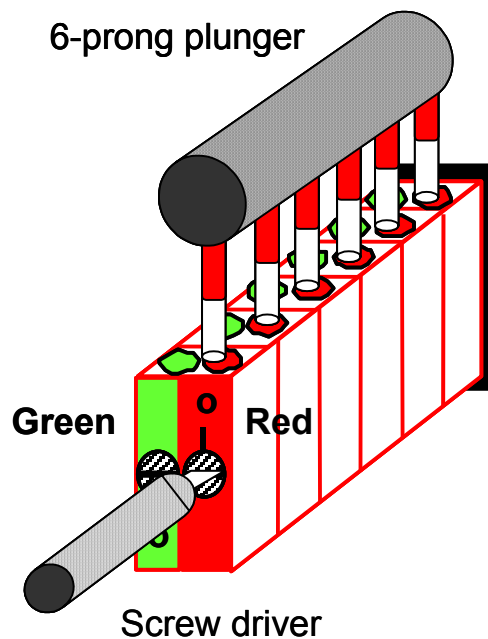   turn **red screw cw** back to closed
             position

    8.11 **BACTER 5**
          0–g
          Return Cover and close

    8.12 **BACTER 6**   Repeat 8.10 – 8.11
          0–g

    8.13 **BACTER 7**   Repeat 8.10 – 8.11
          0–g

    8.14 **BACTER 8**   Repeat 8.10 – 8.11
          0–g

6-prong plunger

Green   O   **Red**

Screw driver

TOX LEVEL 2

GB   8.15 GB sw – OFF
                Remove Glovering, temp stow
                Notify MCC end of GB Ops

        8.16 Stow BACTER 9 (Screwdriver) and BACTER 10 (6–Prong Plunger) in GB Tray

NOTE
Perform shaking in numerical order

GB   8.17 <u>Shake vigorously 20x **BACTER 5 to 8** and temp stow</u>

Temp stow   8.18 <u>Transfer 4 Containers to PTCU 2 (MF71H)</u>

CAUTION
PTCU open minimal time for thermal integrity

BACTER 5   to   PTCU 2
0–g

BACTER 6   to   PTCU 2
0–g

BACTER 7   to   PTCU 2
0–g

BACTER 8   to   PTCU 2
0–g

GB   8.19 Perform GB Stow per Cue Card

            8.20 Notify MCC (End of step)

                  Record MET: _____/_____:_____